



FIG. 1

FIG. 2

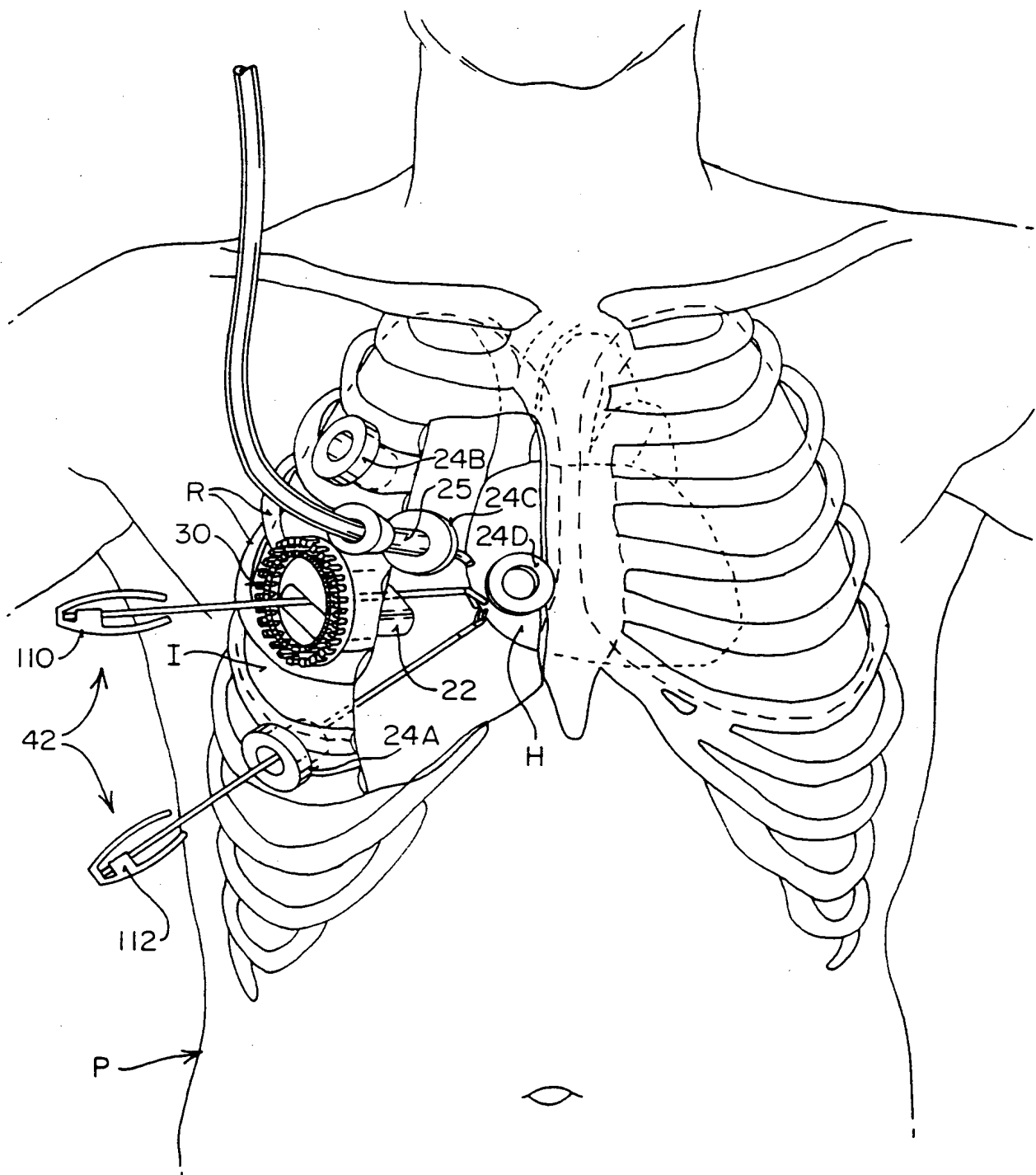


FIG. 2

FIG. 3 is a schematic diagram of a human torso showing a catheter-based system for cardiac support. The diagram includes labels for the heart (RA, LV, RV, LA, H), major vessels (79, 80, 82, 84, 86, 88, 94), and external components: a CARDIO-PULMONARY BYPASS (76), a BLOOD FILTER/RECOVERY unit (98), a syringe (100), and a control unit (101). Arrows indicate the flow of blood through the system, including a bypass loop and a recovery filter.

FIG. 3

FIG. 4

FIG. 5

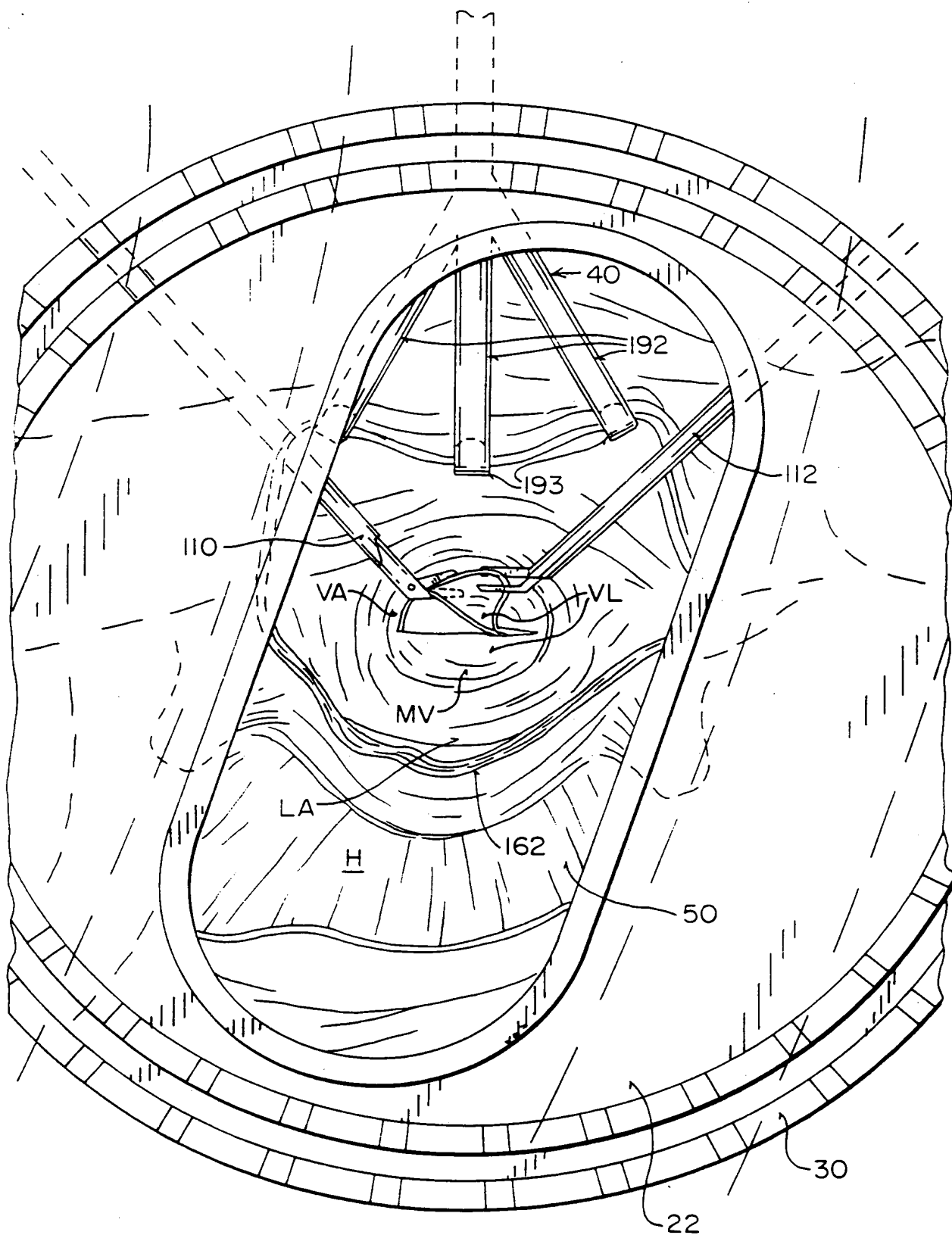


FIG. 5

FIG. 6

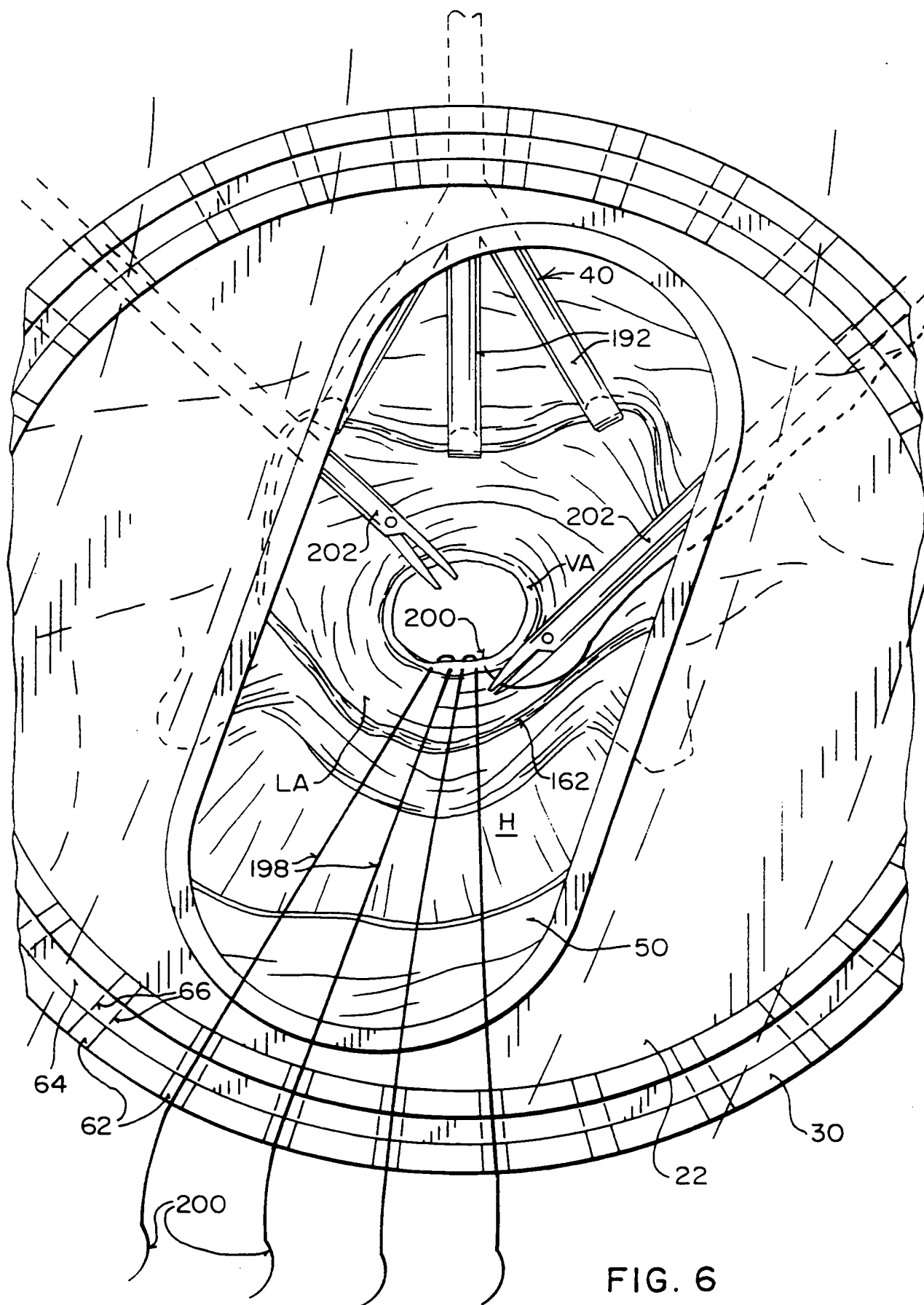


FIG. 6

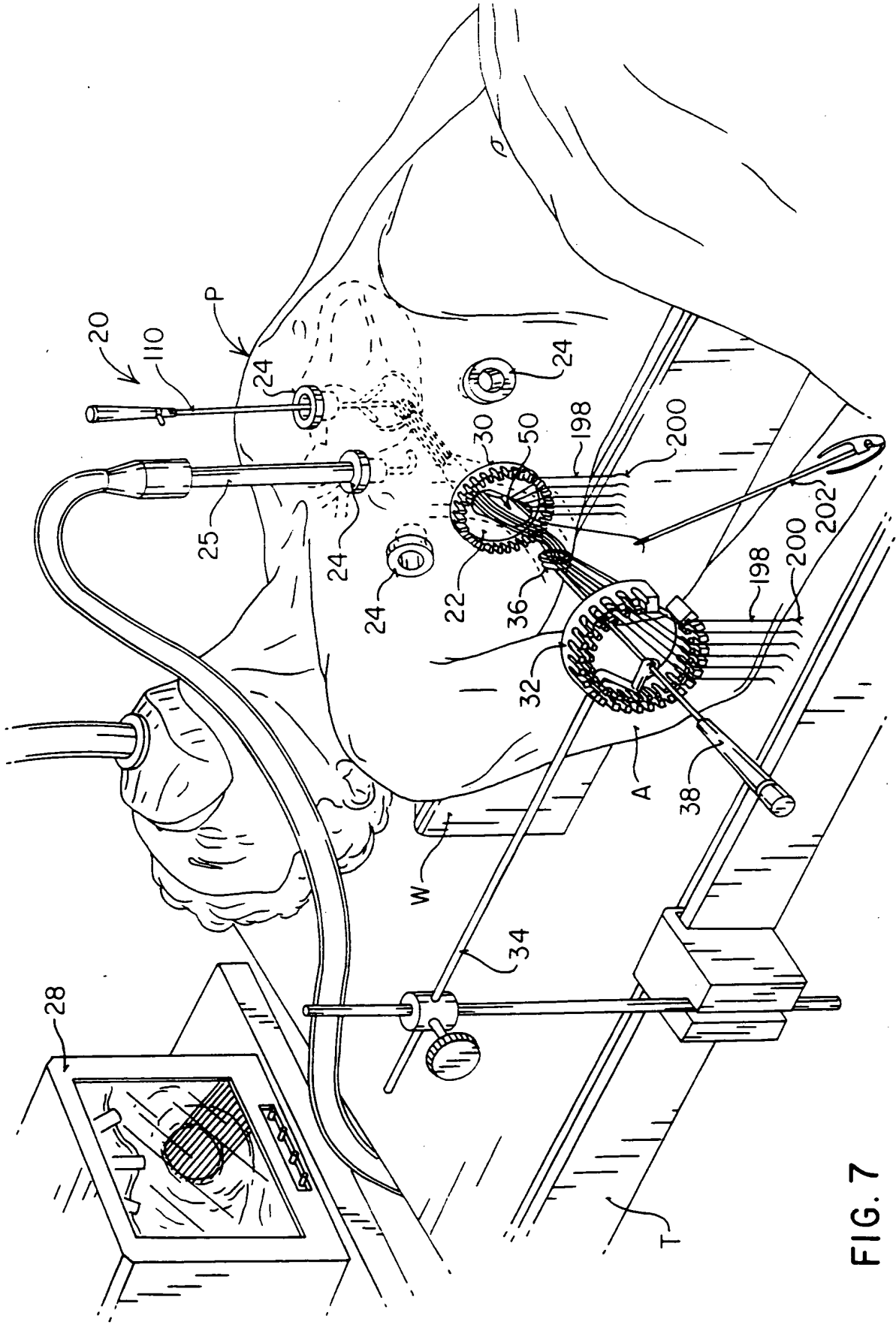


FIG. 7

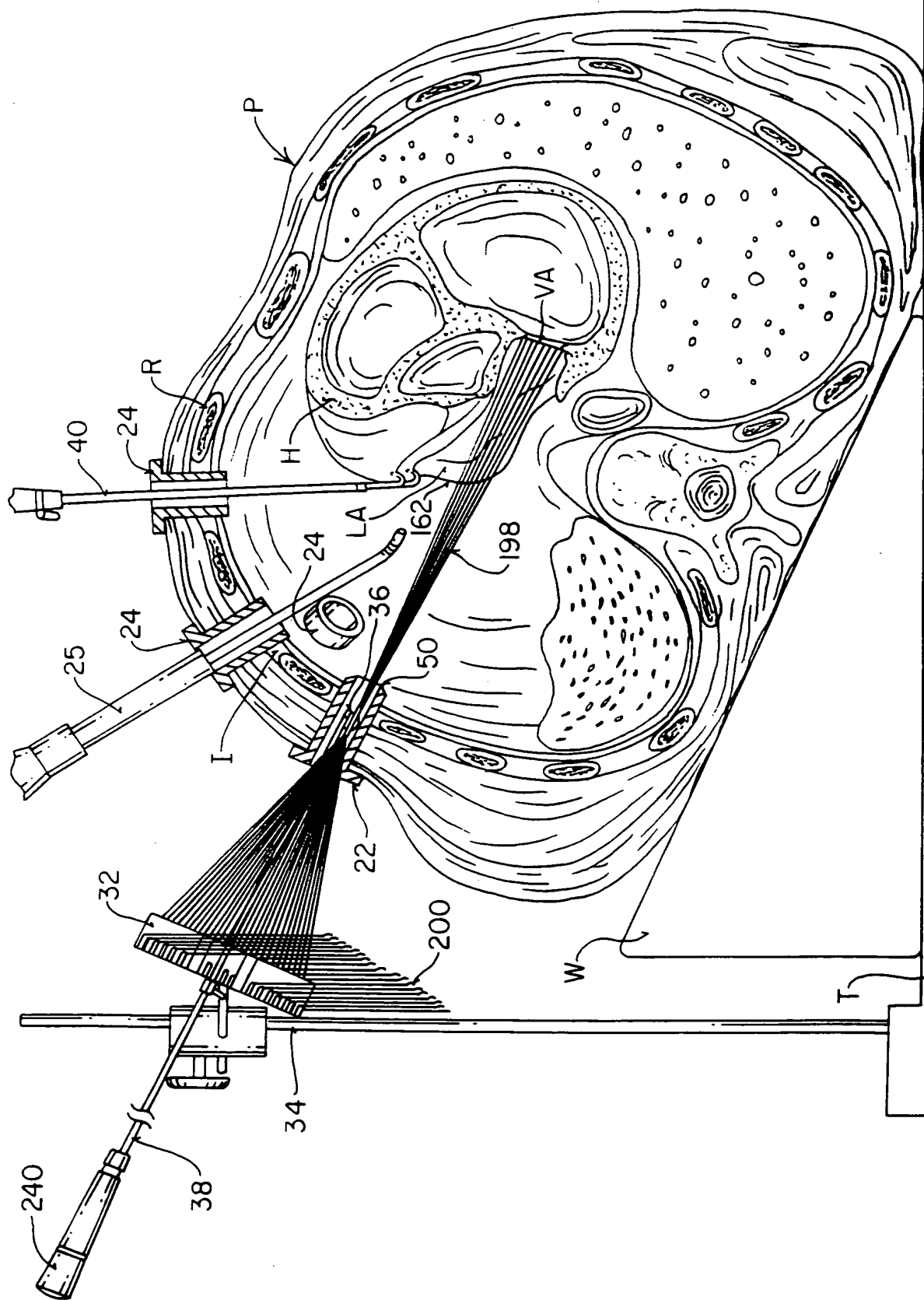


FIG. 8A

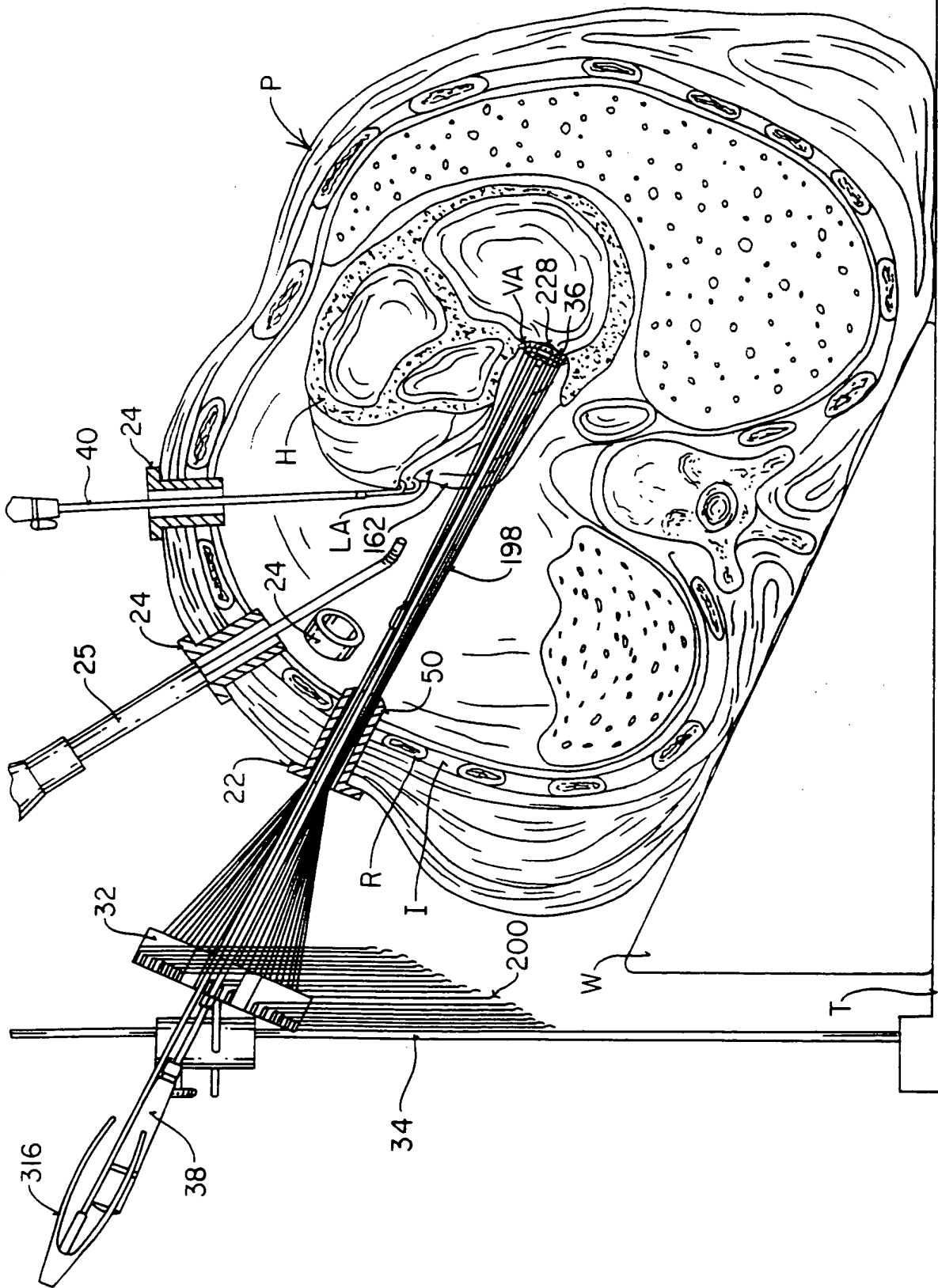


FIG. 8B

100120-22920660

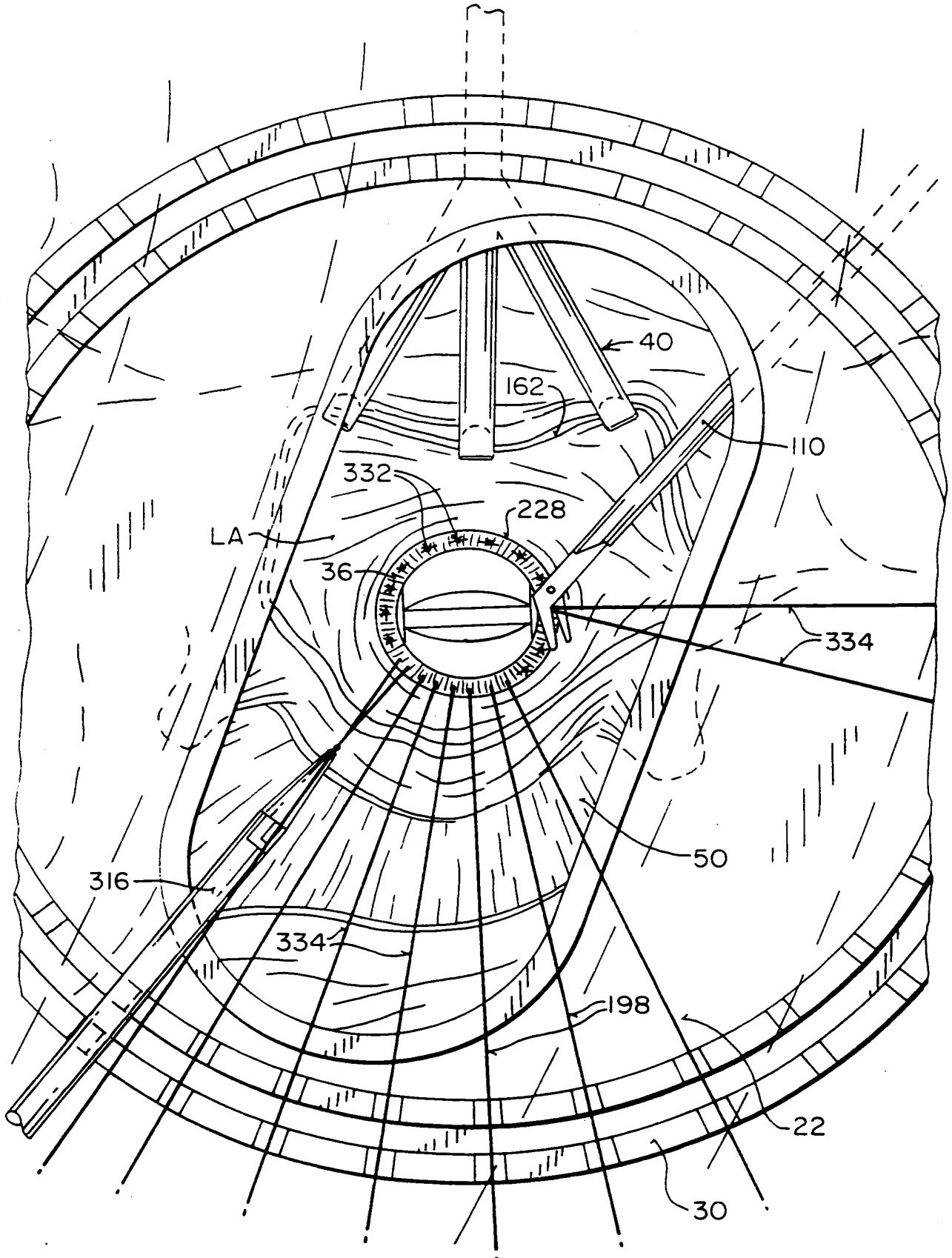


FIG. 9

100120-22520000

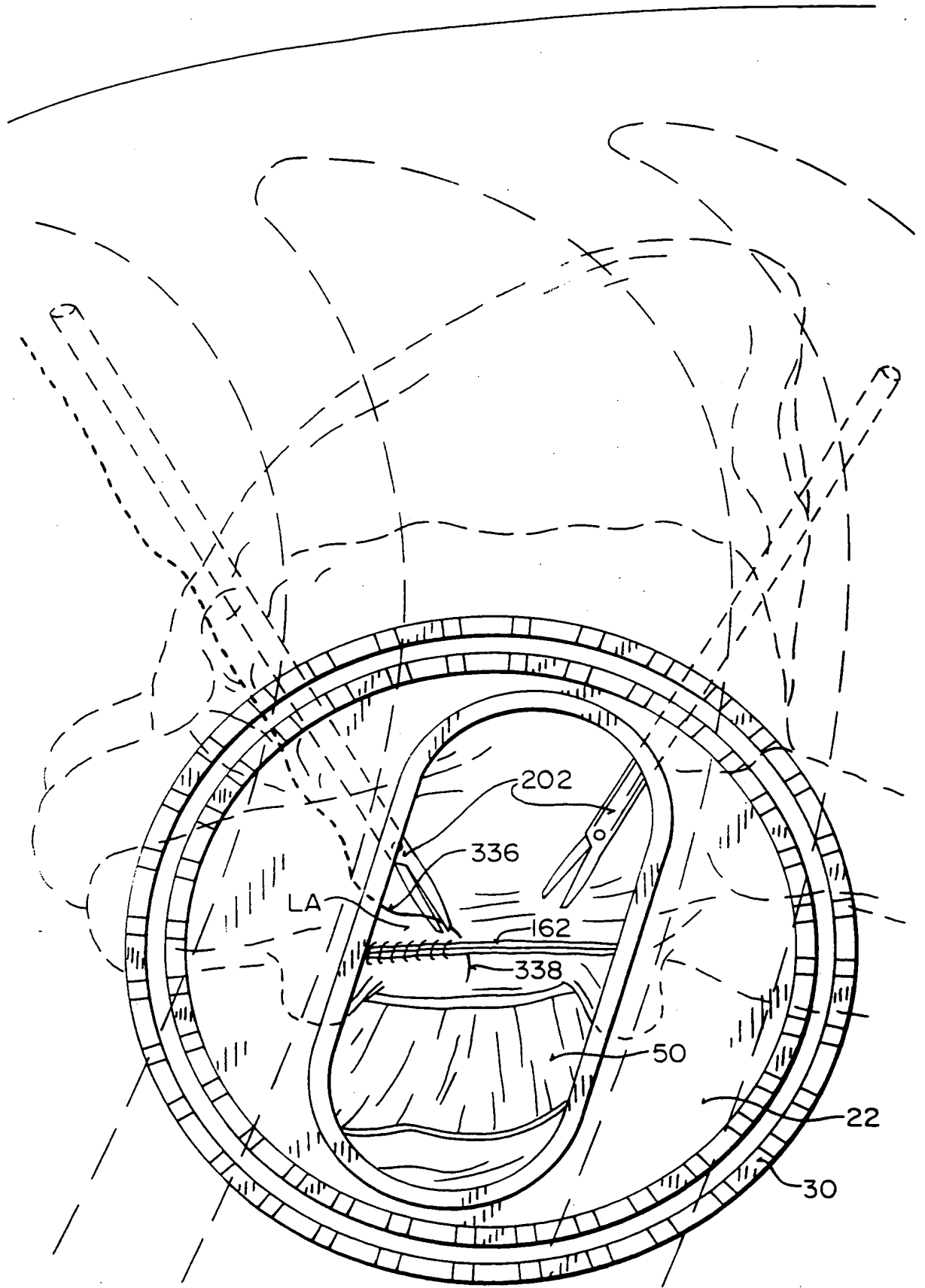


FIG. 10

100120-22520000

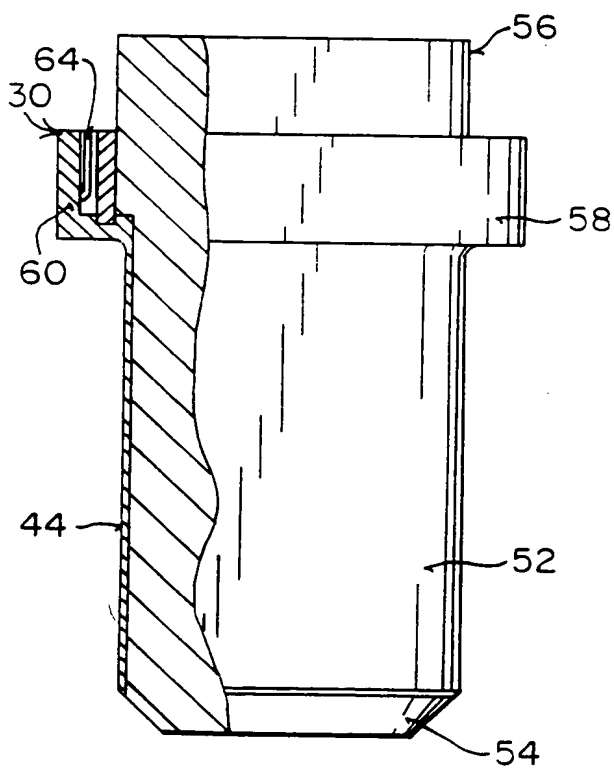
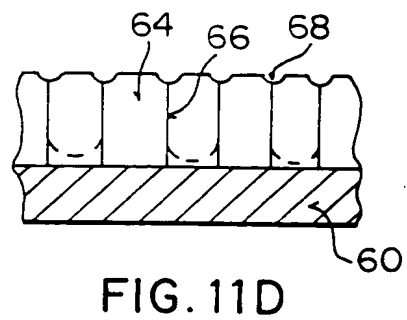
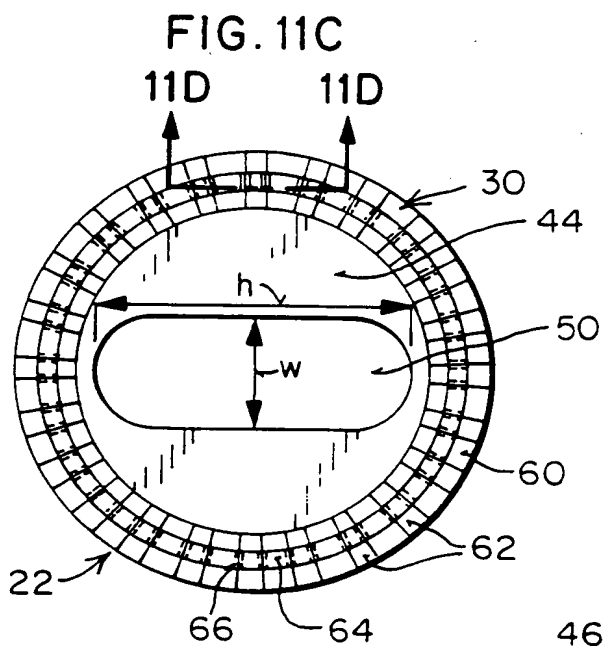


FIG. 11B

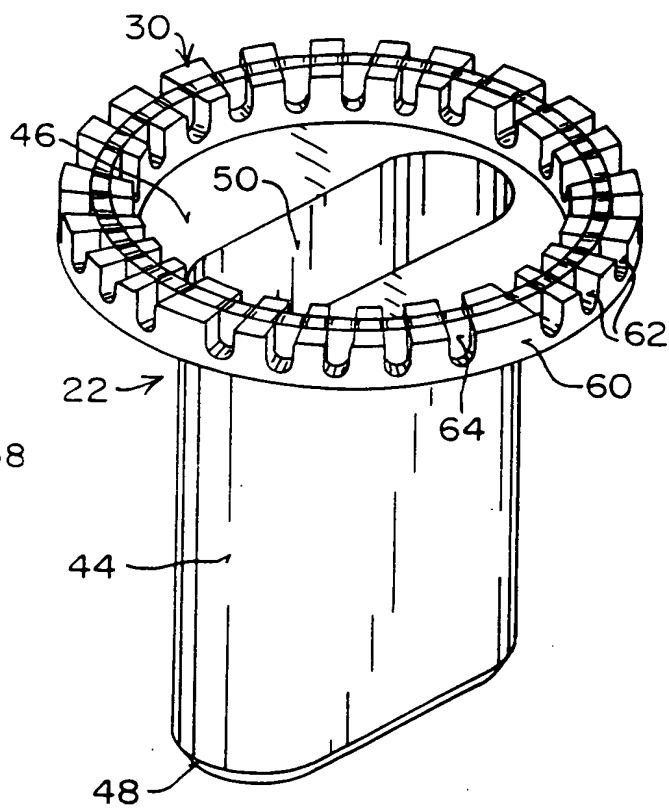


FIG. 11A

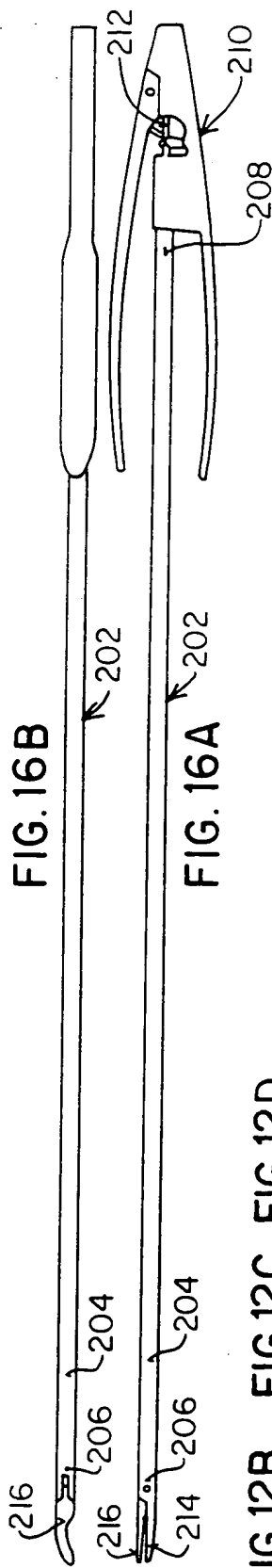


FIG. 12B

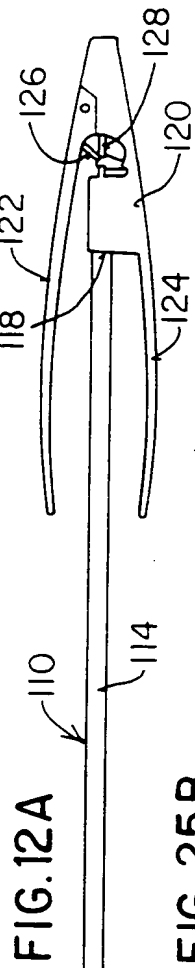
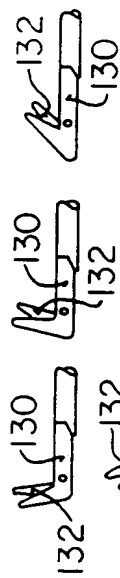


FIG. 25B

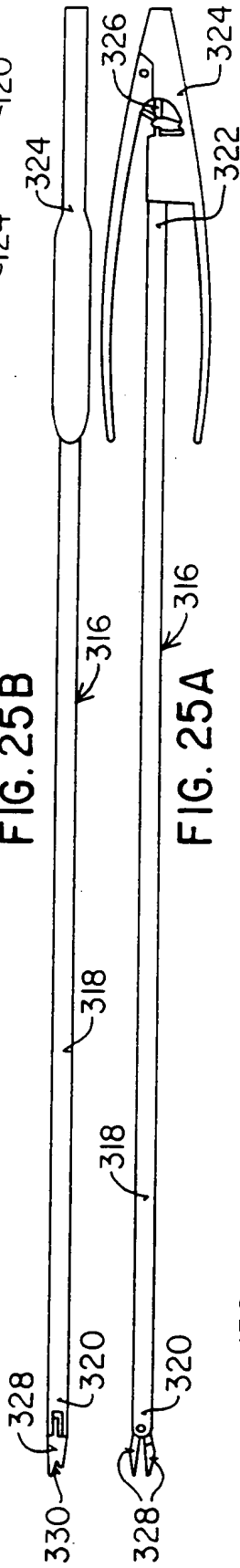


FIG. 25A

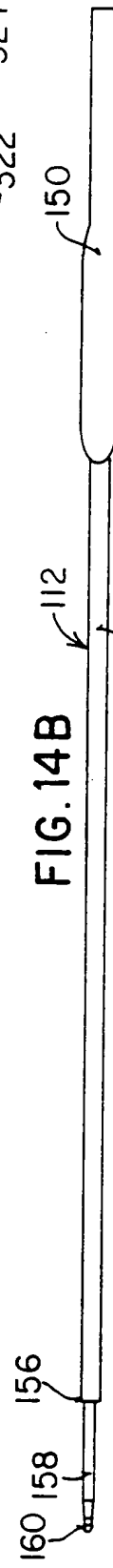


FIG. 14B

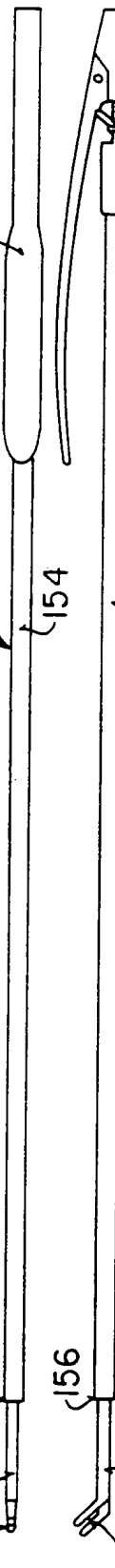
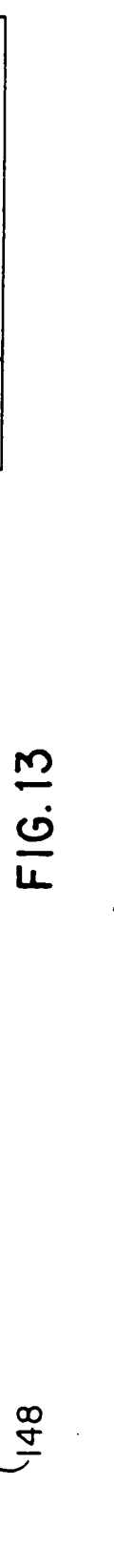


FIG. 14A



FIG. 13



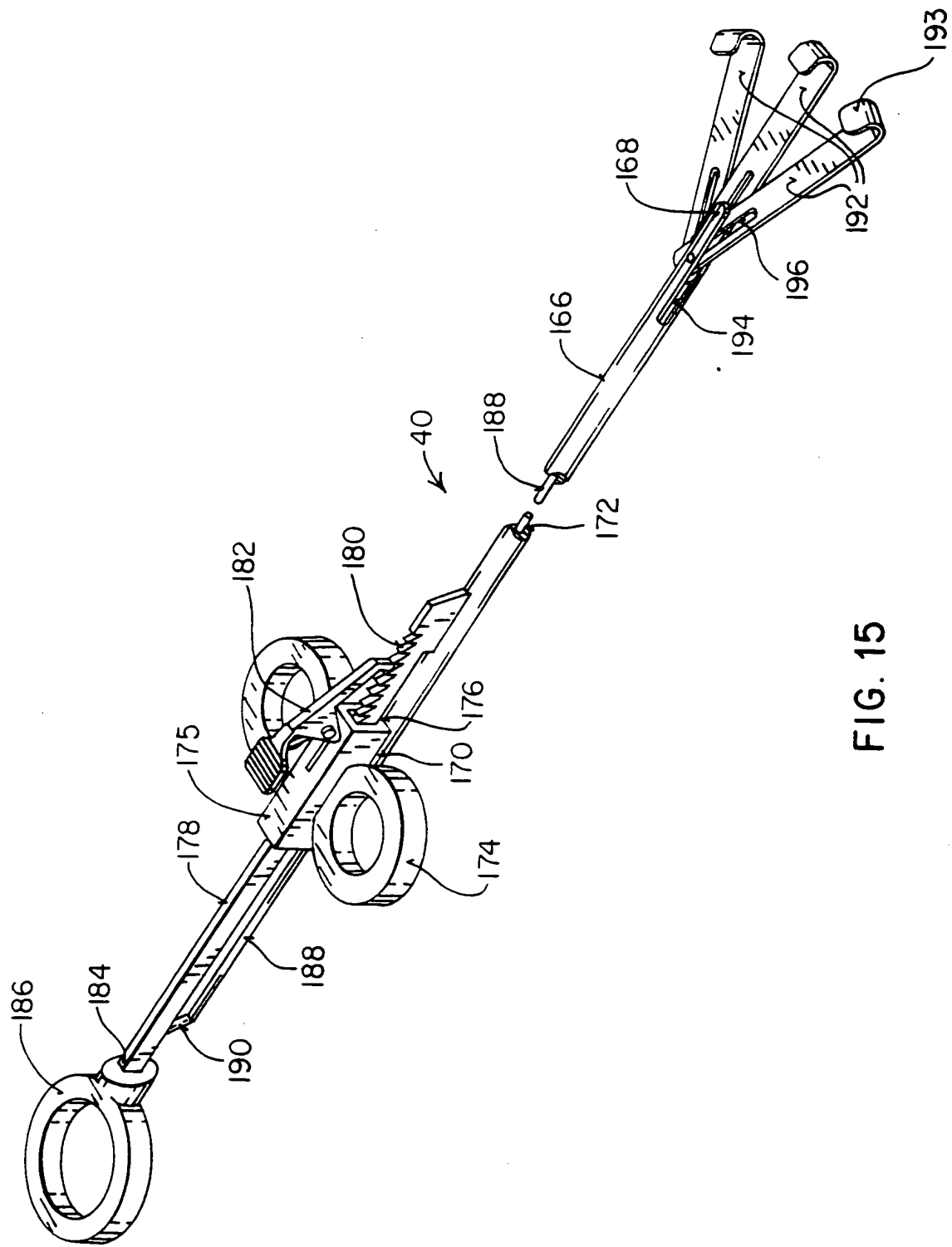


FIG. 15

100120 2292000

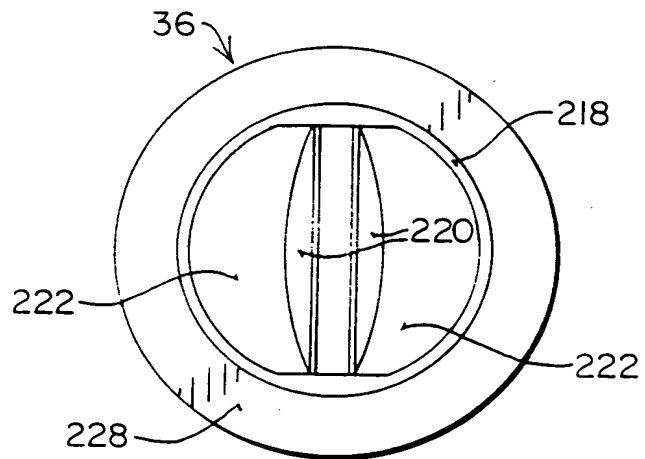


FIG. 17A

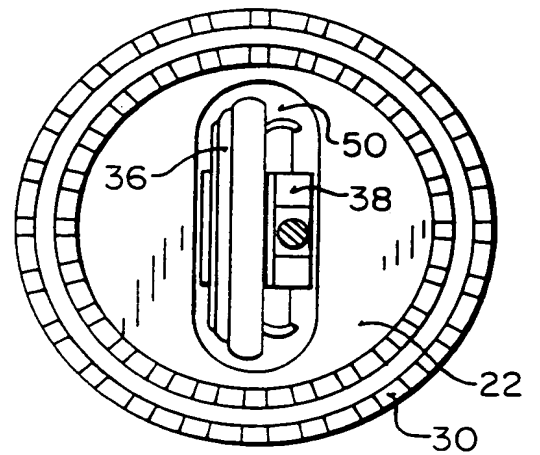


FIG. 17C

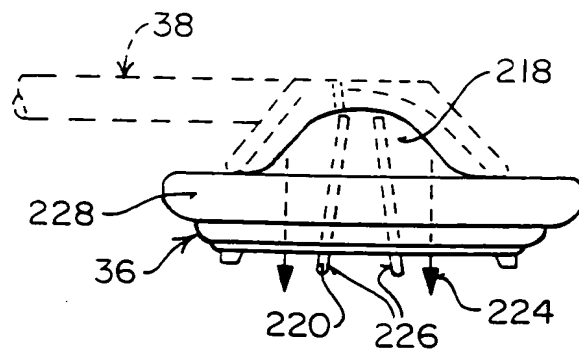


FIG. 17B

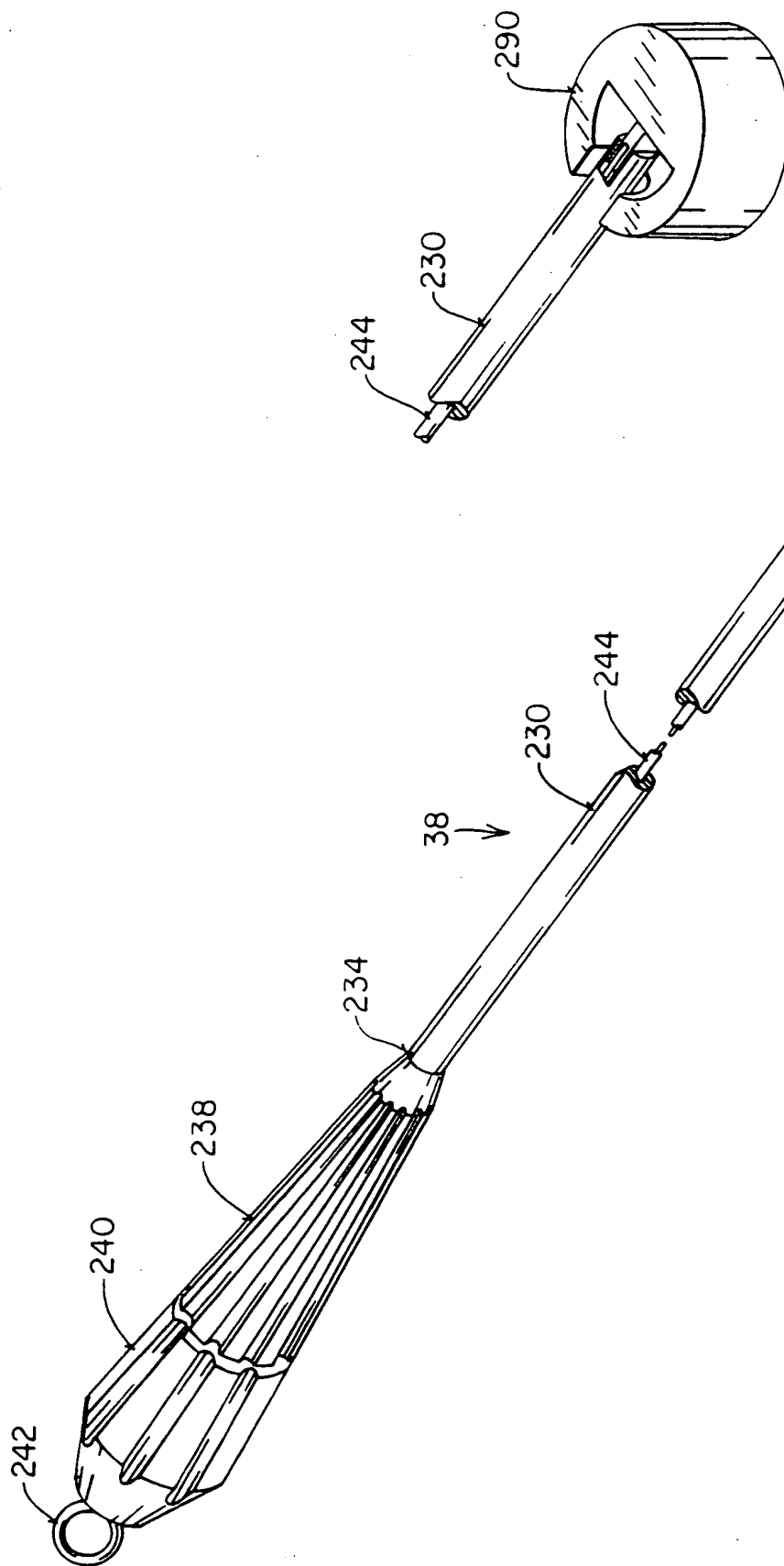


FIG. 18

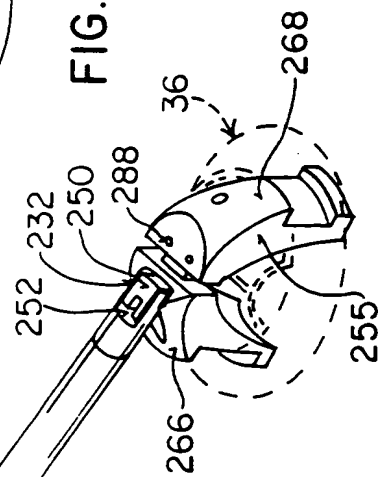


FIG. 21

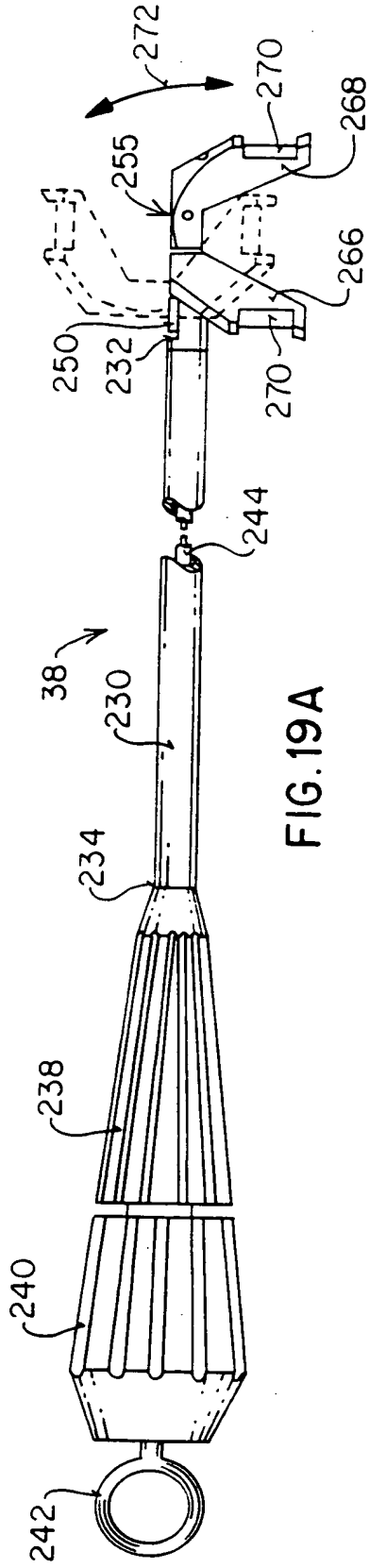


FIG. 19A

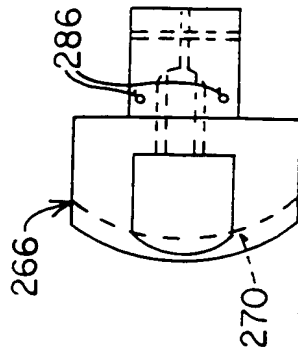


FIG. 19D

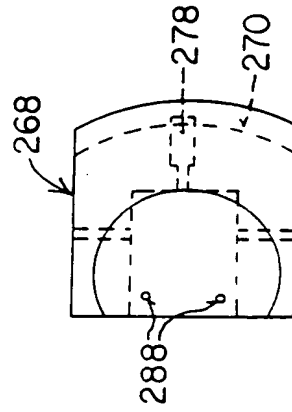


FIG. 19F

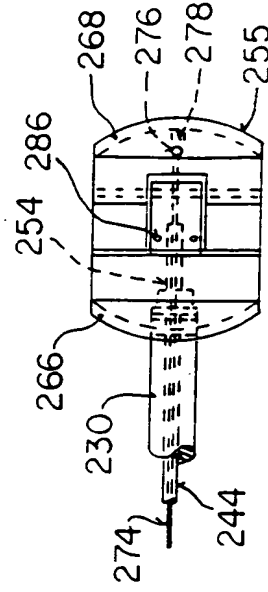


FIG. 19B

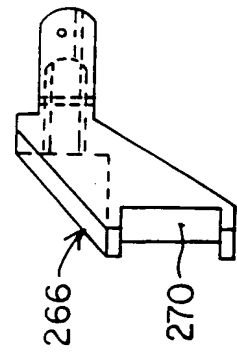


FIG. 19E

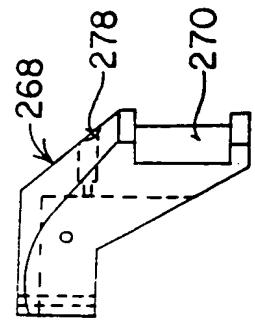


FIG. 19G

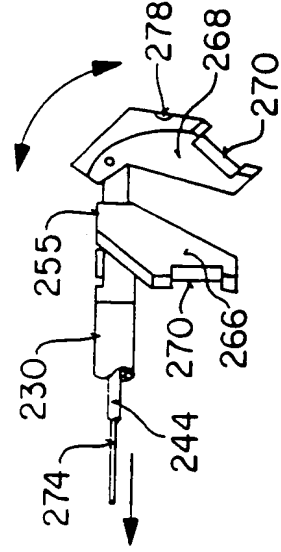


FIG. 19C

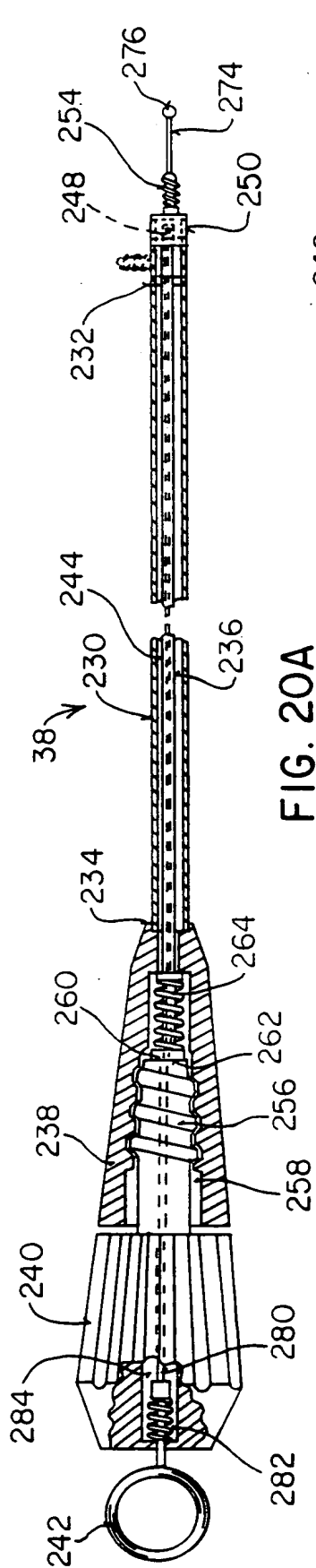


FIG. 20A

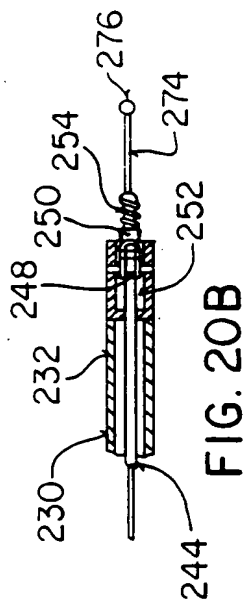


FIG. 20B

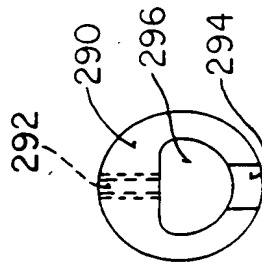


FIG. 23A

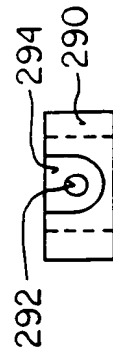


FIG. 23B

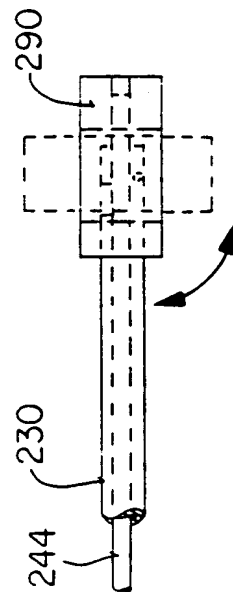


FIG. 22

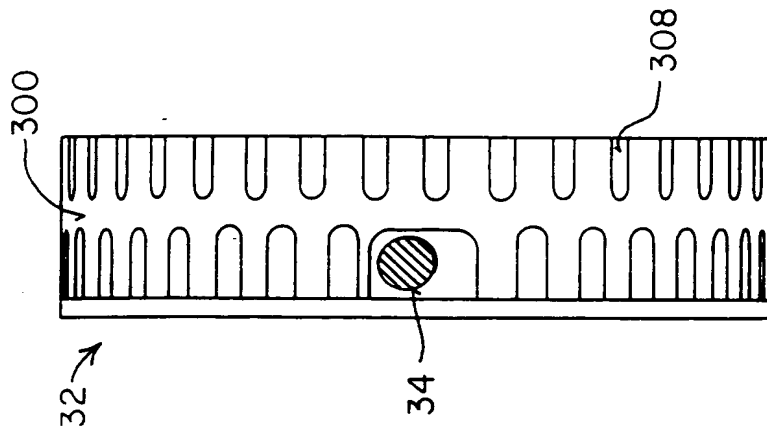


FIG. 24C

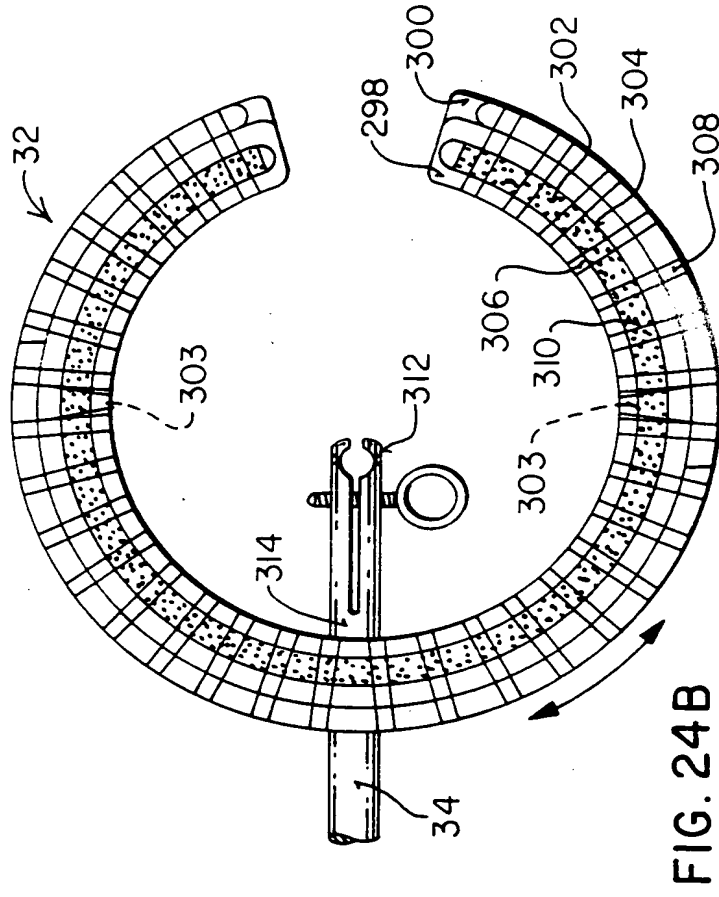


FIG. 24B

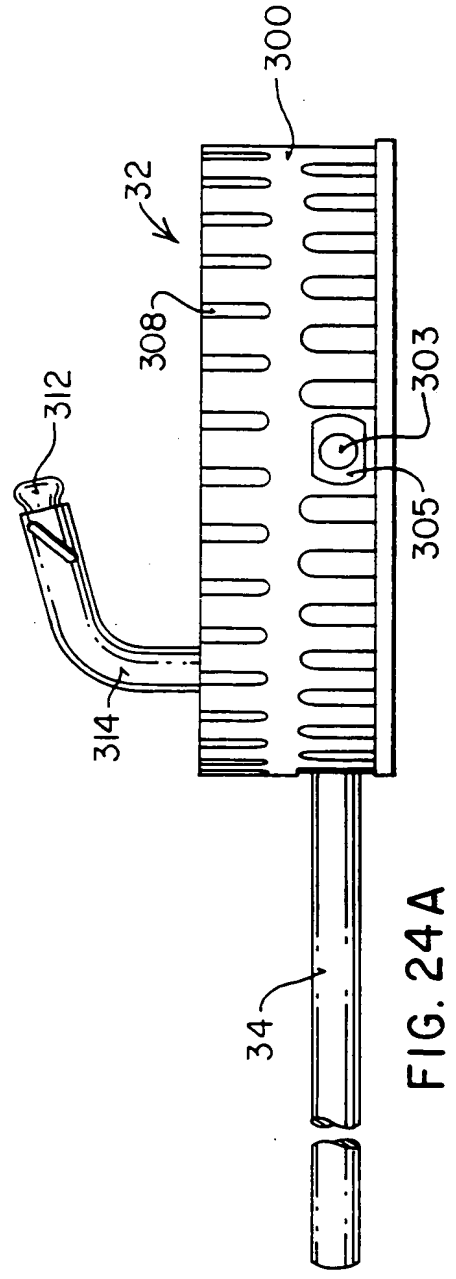


FIG. 24A

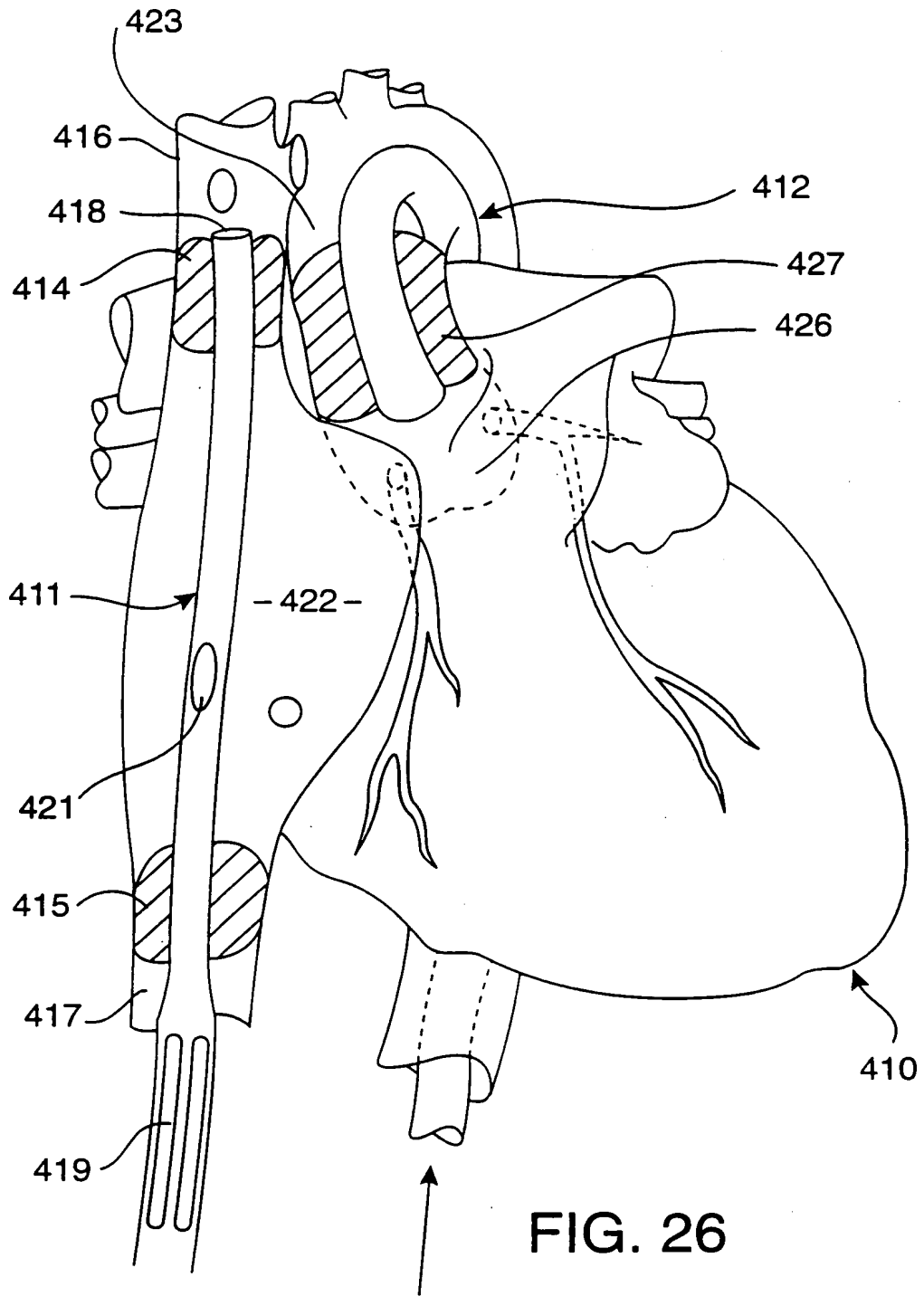
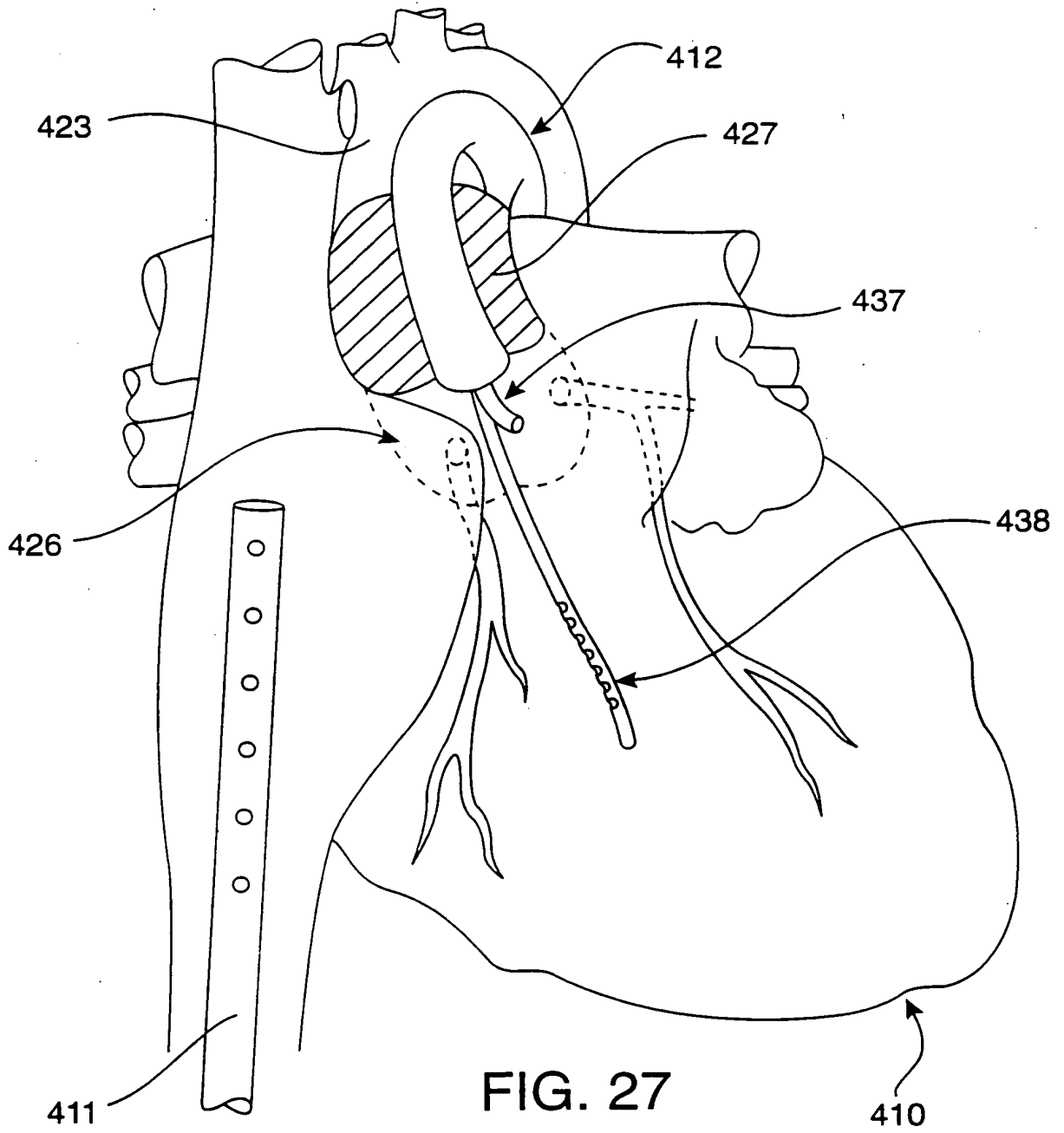


FIG. 27



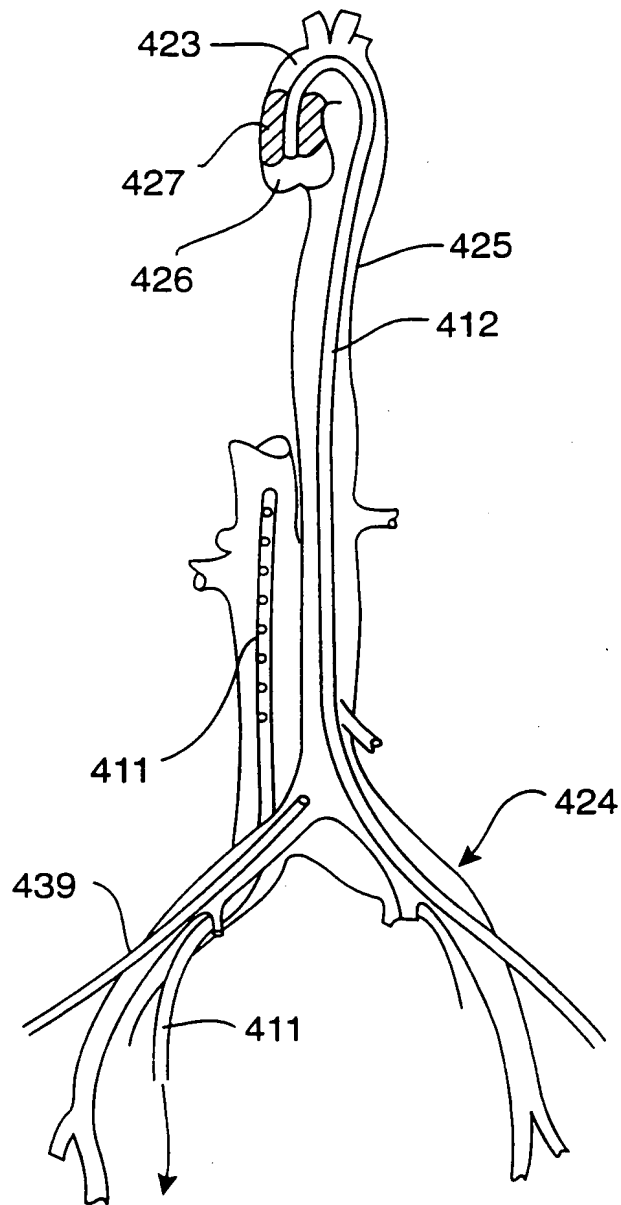


FIG.28

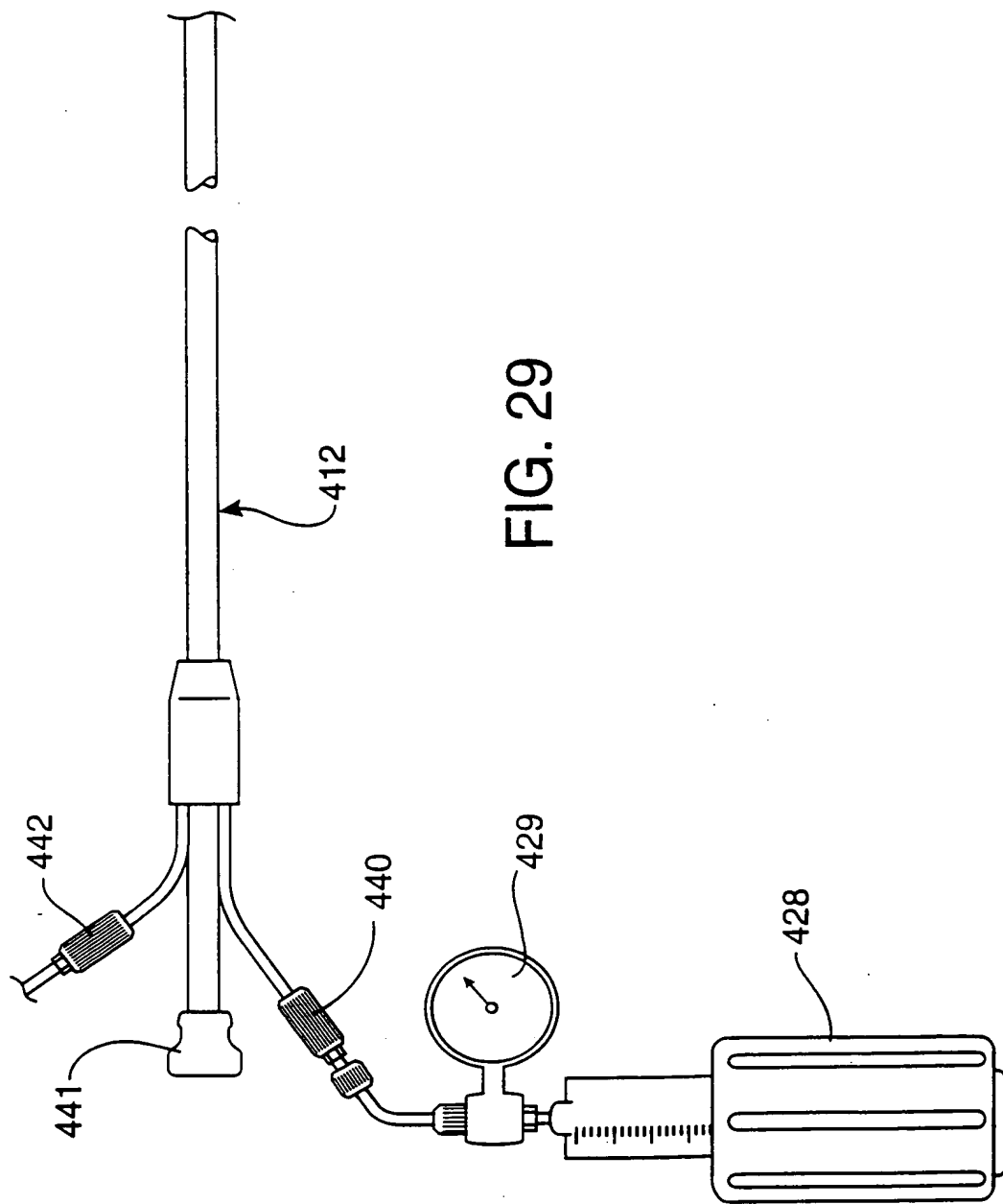


FIG. 29

